

INCH-POUND

MIL-DTL-13486/13C  
4 August 2000  
SUPERSEDING  
MIL-C-13486/13B  
6 June 1989

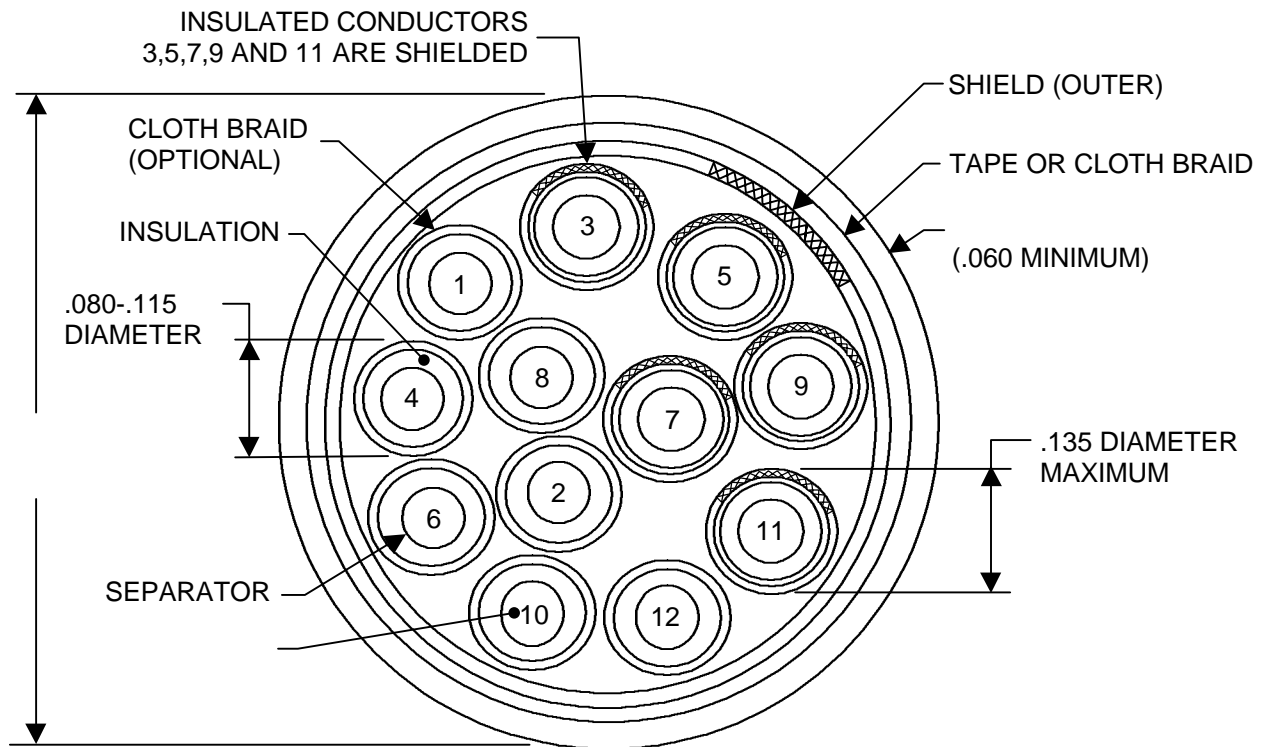
### DETAIL SPECIFICATION SHEET

#### CABLE, SPECIAL PURPOSE, ELECTRICAL: LOW-TENSION, HEAVY-DUTY, MULTIPLE CONDUCTORS, SHIELDED

This specification is approved for use by all Departments  
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of MIL-DTL-13486 listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation.

#### REQUIREMENTS:



NOTE: All dimensions are in inches.

FIGURE 1. Dimensions and configuration.

Dimensions and configuration. See figure 1 of this specification sheet.

Conductor size. All conductors shall be size 20 (see table I of MIL-DTL-13486).

Longitudinal shifting. This requirement of MIL-DTL-13486 shall not apply.

Shielding. All shielding shall be electrically connected.

Shielding internal. Internal shielding shall consist of a closely and uniformly woven wire braid applied directly over the insulated conductors by means of a multiple carrier braider. Each carrier shall have no less than four strands of .005-inch diameter tinned copper wire. The shielding shall provide no less than 85% coverage.

Shielding outer. Outer shielding (see figure 1 of this specification sheet) shall consist of a closely and uniformly woven wire braid woven by means of a multiple carrier braider. Each carrier shall have no less than eight strands of .0063-inch diameter tinned copper wire. The shielding shall provide no less than 85% coverage.

Insulated conductors, identification. See table I of this specification sheet.

Part or Identifying Number (PIN): M13486/13-1

Former part number: 7724579

TABLE I. Color code chart.

Conductor number	Base	Stripe
1	Red	None
2	Red	Black
3	Red	White
4	Red	Green
5	Black	None
6	Black	White
7	Black	Red
8	Black	Green
9	White	None
10	White	Black
11	White	Red
12	White	Green

## CONCLUDING MATERIAL

### Custodians:

Navy - SH  
Air Force - 11  
DLA - CC

### Preparing activity:

DLA - CC

### Review activities:

Air Force - 71, 80, 82, 84, 99

(Project 6145-2192-013)